Discrete Mathematics Volume 183, Numbers 1–3, 15 March 1998

Contents

Contributions

H. Aït Haddadène, S. Gravier and F. Maffray An algorithm for coloring some perfect graphs	1
S. Brandt The local density of triangle-free graphs	17
F. Cao, DZ. Du, D.F. Hsu, L. Hwang and W. Wu Super line-connectivity of consecutive-d digraphs	27
B. Chen and M. Yan The geometric cone relations for simplicial and cubical complexes	39
V. Chepoi A note on r-dominating cliques	47
A. Cournier and P. Ille Minimal indecomposable graphs	61
R.J. Faudree and J. Sheehan The maximum number of edges in a graph with fixed edge-degree	81
HL. Fu and C.C. Lindner The Doyen-Wilson theorem for maximum packings of K _n with 4-cycles	103
M. Ginocchio On the Hopf algebra of functional graphs and differential algebras	119
J.H. Hattingh and E. Ungerer The signed and minus k-subdomination numbers of comets	141
Z. Jiang and C.J. Colbourn Completing the spectrum of rotational Mendelsohn triple systems	153
M. Koskas Complexités de suites de Toeplitz	161
M. Krivelevich A lower bound for irredundant Ramsey numbers	185
J.H. Kwak and J. Lee Distribution of branched \mathbb{D}_p -coverings of surfaces	193
B. Li and E.C. Milner Isomorphic ANTI-cores of Cacco posets — an improvement	213
H. Li, M. Lu and Z. Sun Hamiltonicity in 2-connected graphs with claws	223
X. Li The connectivity of the SEE-graph and AEE-graph for the connected spanning k-edge subgraphs of a graph	237
C.L. Lucchesi, C.P. de Mello and J.L. Szwarcfiter On clique-complete graphs	247

C. Nara and S. Tazawa Enumeration of unlabelled graphs with specified degree parities	255
C. Ramsay, I.T. Roberts and F. Ruskey Completely separating systems of k-sets	265
Z. Stojaković and W.A. Dudek Single identities for varieties equivalent to quadruple systems	277
C.H. Yan Commuting quasi-order relations	285
Communication	
S.K. Park The r-complete partitions	293
Author index to volume 183	299



